

FL 3011
 Reports
 RPK
 May 21, 1957

APQ-56 Improvement ProgramSYSTEM

All	6.21	P. E. Cell -	STAT
Three P. E. Cell Test Sets are being built and tested to establish the sensitivity of P. E. Cells. All sets have been built. All attempts at correlation between bulbs and sets by rerating bulbs has been abandoned. We are now selecting standard P. E. Cells to become part of each P. E. set. Each set can be calibrated against the standard cell prior to and during use. This also allows the standard cells with each unit to be periodically calibrated against the prime standard cell.			
All	12.20	Pulse Cable Connectors -	STAT
No change since last report.			
T1 Shared	13.21	AGC - Friedmann,	STAT
Design a new AGC that will be less susceptible to r-f interference and to stray audio pickup. Drafting is making the necessary changes in the cover mountings to prevent buckling of the lids after assembly.			
Time Shared	17.16	Wide Band Receiver -	STAT
No change since last report.			
All	19.17	Receiver Design -	STAT
Laboratory testing of the receiver components in the system has been completed. The information gathered will be forwarded to the responsible personnel and the necessary modifications and/or redesign will be decided upon.			
All	20.13	Pulse Width -	STAT
No progress because equipment was used in testing a MA 207 magnetron.			
All	21.15	Pulse Width (Quick Fix) -	STAT
No change since last report.			
All	22.12	Resolution Test Set -	STAT
A means of measuring recorder resolution is needed in the field. Eight Resolution Test Sets are being built by S. R. for the Time Shared System using commercial type construction. Assembly and wiring is continuing.			
Time Shared XH-3 NAVY	24.6	Deflection Driver Drift -	STAT
No change since last report.			

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